

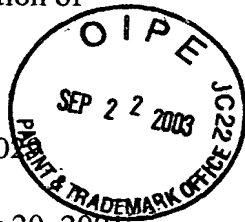
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Matsumoto, K.

Serial No.: 09/932,012

Filing Date: August 20, 2001



Group Art Unit: 2814

Examiner: Rao, Shrinivas H.

For: ACTIVE MATRIX LIQUID CRYSTAL DISPLAY UNIT HAVING LIQUID CRYSTAL MOLECULES LESS ARRANGED LIKE SPRAY PATTERN AND ALONG BENT LINE

Honorable Commissioner of Patents  
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Under the provisions of 37 CFR §1.97 through §1.99 and pursuant to applicant's duty of disclosure under 37 CFR §1.56, applicant respectfully brings the following documents cited in the Japanese Office Action and listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. Copies of the listed documents are provided herewith for the convenience of the Examiner.

In compliance with the requirements of 37 CFR §1.98(a)(3), as a concise statement of relevance, as it is presently understood by the individual designated in 35 U.S.C. §1.56(c) most knowledgeable about the content of the information, the undersigned attorney of record submits a translation of portions of an official action by a foreign examiner in which the references were cited. The relevance to the pending U.S. patent application is that the references were cited in a foreign patent application on the same subject matter. However, no independent analysis of the references, the accuracy of the statement of the foreign examiner or the claims of the foreign application under the laws of that country or the United States relative to the subject matter claimed in the present application has been made, the present understanding of the contents thereof by the undersigned being based on the translation of the foreign examiner's comments submitted herewith.

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is

RECEIVED  
SEP 26 2003  
TECHNOLOGY CENTER 2800

aware.

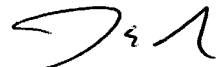
I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of that item by a foreign patent office in a counterpart foreign application, which occurred not more than three months prior to the filing of this statement.

Submitted herewith is a check in the amount of \$180.00 to cover the IDS fee.

It is respectfully requested that the listed references be considered by the Examiner and formally made of record in this application.

Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-0481.

Respectfully submitted,



James E. Howard

Reg. No. 39,715

Date: 9/22/03

**McGinn & Gibb, PLLC**

Intellectual Property Law

8321 Old Courthouse Road, Suite 200

Vienna, VA 22182-3817

(703) 761-4100

**Customer No. 21254**

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

N1125-U

SERIAL NO.

09/932,029

Matsumoto, K.

FILING

August 20, 2001

GROUP

2814

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2001-290168	10/19/01	JAPAN			ABS	
	11-119237	04/30/99	JAPAN			ABS	
	2001-311956	11/09/01	JAPAN			ABS	
	2000-131717	05/12/00	JAPAN			ABS	
	2000-111957	04/21/00	JAPAN			ABS	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			Japanese Office Action dated July 22, 2003, with partial English translation.

EXAMINER	DATE CONSIDERED
----------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Use several sheets if necessary)

**N1125-U**

**09/932,029**

**Matsumoto, K.**

FILING

**August 20, 2001**

GROUP

2814

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


**EXAMINER**

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Use several sheets if necessary)

SERIAL NO. 09/932,029

FILING

**August 20, 2001**

[illegible]

2814

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		11-142883	05/28/99	JAPAN			ABS	
		11-064892	03/05/99	JAPAN			ABS	
		09-236819	09/09/97	JAPAN			ABS	
		10-232411	09/02/98	JAPAN			ABS	
		10-301141	11/13/98	JAPAN			ABS	

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


**EXAMINER**

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.